



## RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD

LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 20-Mar-18	Point No.
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## 1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -MARCH- 2018

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2018	2017	2018	2017	2018	2017	2018	2017		
Mar-18										
01-Mar-18	2019.86	2040.60	2030.19	2069.01	35.23	16.22	10138.00	9859.00	49.95	56.04
02-Mar-18	2017.77	2092.89	1815.97	1964.00	-10.81	25.26	9407.00	9347.00	49.99	106.96
03-Mar-18	1988.84	2156.19	1843.58	2049.21	28.42	22.34	9766.00	9661.00	49.98	129.02
04-Mar-18	2007.70	2148.39	1872.10	2005.97	13.60	21.89	9743.00	9730.00	49.97	60.32
05-Mar-18	1960.55	2089.75	1893.32	1954.27	25.94	26.97	9807.00	9361.00	49.95	55.17
06-Mar-18	2043.31	2095.18	1969.54	1990.98	22.22	32.50	9957.00	9619.00	49.95	71.75
07-Mar-18	2112.58	2142.66	2083.64	1961.29	25.30	19.90	10626.00	9622.00	49.95	63.34
08-Mar-18	2065.31	2163.07	2098.94	1925.03	55.81	30.80	10284.00	9335.00	49.94	24.69
09-Mar-18	2005.39	1984.95	2087.96	1917.29	17.52	28.83	10723.00	9571.00	49.92	190.11
10-Mar-18	1980.92	1948.31	2042.02	1648.40	40.08	12.93	10409.00	8391.00	49.95	108.84
11-Mar-18	1955.52	1856.31	1991.79	1686.04	16.19	27.43	10348.00	9499.00	49.96	58.02
12-Mar-18	1970.91	1909.94	2004.98	1661.82	28.49	31.65	10111.00	8329.00	49.96	71.79
13-Mar-18	2046.72	1755.09	2006.29	1517.68	19.06	41.51	10574.00	7628.00	49.96	285.53
14-Mar-18	2028.48	1884.02	1998.19	1626.81	13.31	22.26	10290.00	7942.00	49.96	212.71
15-Mar-18	1948.74	1884.98	1973.15	1695.69	32.36	17.86	9816.00	8140.00	49.95	59.79
16-Mar-18	1979.68	1865.88	1959.29	1731.06	19.56	19.84	9969.00	8699.00	49.98	25.38
17-Mar-18	1975.86	1876.93	1908.86	1753.30	-4.41	2.48	9951.00	8460.00	49.98	110.79
18-Mar-18	2113.96	1855.37	1872.47	1661.15	10.93	11.94	9681.00	8599.00	50.00	60.63
19-Mar-18	1939.70	1745.72	1908.81	1484.99	-7.27	18.22	9771.00	7291.00	49.98	103.28
20-Mar-18	1987.82	1793.85								
21-Mar-18										
22-Mar-18										
23-Mar-18										
24-Mar-18										
25-Mar-18										
26-Mar-18										
27-Mar-18										
28-Mar-18										
30-Mar-18										
31-Mar-18										
MAXIMUM OF THE MONTH	2113.96	2163.07	2098.94	2069.01	55.81	41.51	10723.00	9859.00	50.00	285.53
MIN OF THE MONTH	1939.70	1745.72	1815.97	1484.99	-10.81	2.48	9407.00	7291.00	49.92	24.69
AVERAGE	2007.98	1967.00	1966.37	1805.47	20.08	22.68	10072.16	8899.11	49.96	97.59
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2222.22	18-Aug-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							11564	(08.00-8.15Hrs.)	13-Jan-18	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2138.32	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							10348	(8.15-8.30 Hrs.)	25/1/2017	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							413.67	06-Jul-16		



## 3.SYSTEM PARAMETERS AS ON 19-Mar-18

MAXIMUM DRAWL ON 19-Mar-18	9771 MW at 07.15-07.30 Hrs 50.08 Hz
MINIMUM DRAWL ON 19-Mar-18	6878 MW at 18.00-18.15 Hrs 50.00 Hz
Max U/D of the day	1015 MW at 13.15-13.30 HRS 49.97 Hz
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	5
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	4
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	8
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	39
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	5
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	4
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	1
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY	19-Mar-18 49.98 Hz
Max O/D of the day	557 MW at 14.30-14.45 HRS 49.91Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	8.73
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.91
ABOVE 50.05 HZ	11.36
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0
No. of 132 KV Feeders Disconnected	0

## 4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	20-Mar-18	20-Mar-17	19-Mar-18	19-Mar-18
Gandhi Sagar (Ft.)	1312	1250	1273.63	NA	NIL	4
R.P.Sagar (Ft.)	1157.5	1128	1138.88	1136.07	5544	9755
Jawahar Sagar (Ft.)	980	970.4	974.30	978.00	3206	3206
Kota Barrage(Ft.)	854.5	852.3	854.20	854.00		
RMC					3450	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1564.34	1533.21	18883	4357
Dehar (Ft.)	2941	2900	2918.19	2918.76	1275	1385
Pong(Ft.)	1421	1260	1299.36	1302.86	14006	1091
Mahi-I (Mts.)	281.5	259	271.53	272.60	2345	NILL
Mahi-II (Mts.)	220.5	217	219.25	217.55	827	NILL

## 5.POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
20-Mar-18	KTPS	86316	4.5 DAYS
	STPS	50161	2 DAYS
	CHHABRA	54444	7 DAYS
	KALISINDH	24359	2 DAYS

## 6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

20-Mar-18

## (A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./ AVAIL. (MW)	OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
				DATE	TIME	DATE	TIME	
STATE SECTOR								
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20	BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG2*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED UP/PERMISSION GIVEN BY RUVNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END )
DCCPP	HRSG#1	55.00	50	12.00	50	11-Dec-17	21.12	SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and opt/12/790 dt 30.12.17)
DCCPP	GT#1	110.00	100	24.00	100	12-Dec-17	23.34	AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and opt/12/790 dt 30.12.17)
STPS	2	250.00	229	55.00	229	23-Feb-18	15.07	LOSS OF ALL FUEL/PERMISSION NOT GRANTED BY RUVNL END L.D. MESSAGE.NO. OP/02540 DATED 26.02.18
STPS	4*	250.00	229	55.00	229	18-Mar-18	12.36	BOXED UP
STPS	3*	250.00	229	55.00	229	18-Mar-18	14.50	BOXED UP
STPS	6*	250.00	229	55.00	229	19-Mar-18	13.30	BOXED UP
Total(A) STATE SECTOR- PLANNED OUTAGE		1455.00	1286.00	308.80	1286.00			
CENTRAL SECTOR								
DABRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00	RESERVE SHUTDOWN
DABRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22	RESERVE SHUTDOWN
DABRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30	RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43	RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09	RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	28-Jan-18	5.51	RESERVE SHUTDOWN
AURAIYA GPS	5	109.00	18	4.40	18	02-Feb-18	19.28	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	02-Feb-18	19.32	RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	02-Feb-18	20.06	RESERVE SHUTDOWN
DABRI-T2	2	490.00	15	3.59	15	03-Feb-18	1.33	ANNUAL MAINTENANCE
DABRI GPS	1	130.00	22	0.00	0	05-Mar-18	5.12	18-Mar-18 23.17 RESERVE SHUTDOWN
RAPP-C	6	220.00	44	10.50	44	06-Feb-18	0.00	MAINTENANCE
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		2005.28	286.00	63.89	264.00			
(B) FORCE OUTAGE								
STATE SECTOR								
STATE SECTOR								
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
ADANI	2	660.00	600	144.00	600	13-Jan-18	18.52	LOW COAL STOCK
RAMGARH	GT#2	37.50	29	7.00	29	06-Feb-18	3.04	DUE TO HIGH SPREAD
KTPS	1	110.00	100	23.00	100	01-Feb-18	18.28	LEAKAGE IN BOILER DUCT
RAJWEST	8	135.00	120	28.67	120	14-Mar-18	5.30	DESYNCHRONIZED DUE TO TURBINE SIDE OIL LEAKAGE
BARSINGSAR	2	125.00	110	25.17	110	20-Mar-18	1.07	REFRACTORY FAILURE
Total(B) STATE SECTOR-FORCED OUTAGE		1192.50	1029.00	244.64	1029.00			
CENTRAL SECTOR								
UNCHAHAR	6	500.00	NA	NA	NA	01-Nov-17	15.40	FURNISH PRESSURE HIGH
SINGRAULI	2	200.00	34	8.20	34	04-Mar-18	0.10	TAKEN OUT DUE TO OVER HAULING
ANTA GPS	3	88.71	31	7.50	31	09-Mar-18	4.54	NON-AVAILABILITY OG GAS
ANTA GPS	4	153.20	34	8.20	34	09-Mar-18	5.03	NON-AVAILABILITY OG GAS
ANTA GPS	1	88.71	31	7.50	31	09-Mar-18	5.31	NON-AVAILABILITY OG GAS
RIBAND-I	1	500.00	58	13.80	58	15-Mar-18	0.34	BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR- FORCED OUTAGE		1530.62	188.00	45.20	188.00			
G.TOTAL				289.84	1217.00			

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (\*), planned annual shut down (@) and COD is not declared (\$).